

IN THE CLAIMS:

1-131. (Cancelled).

132. (Previously Presented). A method for inducing acetylcholine receptor synthesis in a cell, comprising contacting said cell with a polypeptide which comprises an epidermal growth factor-like domain, said domain comprising an amino acid sequence set forth in SEQ ID NO: 152, or said domain comprising an amino acid sequence encoded by a nucleic acid sequence selected from the group consisting of SEQ ID NO: 155, SEQ ID NO: 156, SEQ ID NO: 157, SEQ ID NO: 158 and SEQ ID NO: 159, wherein said polypeptide is administered in an amount sufficient to stimulate synthesis of acetylcholine receptors in said cell.

133-137. (Cancelled).

138. (Previously Presented). The method of claim 132, wherein said epidermal growth factor-like domain comprises an amino acid sequence encoded by a nucleic acid sequence selected from the group consisting of SEQ ID NO: 155, SEQ ID NO: 156, SEQ ID NO: 157, SEQ ID NO: 158, and SEQ ID NO: 159.

139-140. (Cancelled).

141. (Previously Presented). The method of claim 132, wherein said epidermal growth factor-like domain comprises an amino acid sequence set forth in SEQ ID NO: 152.

142. (Previously Presented). The method of claim 132, wherein said polypeptide binds the p185^{erbB2} receptor.

143. (Previously Presented). The method of claim 132, wherein said polypeptide is a recombinant polypeptide.